

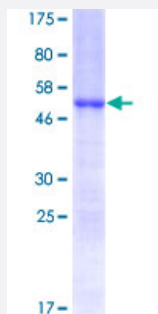
Full-Length

# HOXC6 (Human) Recombinant Protein (P01)

Catalog # H00003223-P01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human HOXC6 full-length ORF ( NP_004494.1, 1 a.a. - 235 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MNSYFTNP SL SCHLAGGQD VLPNVALNSTAYDPVRH FSTYGA A VAQNRIYSTPFYSPQEN VVFSS SRGPYDYG SNSFYQE K DMLSNCRQNTLG HNTQTSIAQDFSSEQGR TAPQDQKASI QYPWMQRM NSHSGVGYGADRRRGRQIYSRYQTLELEKEFHFNRYLTRRRRIEIANALCLTERQIKW FQNRRMKW KKESNL TSTLSGGGGGATADSLGGKEEKREETEEEEKQKE
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	53.3
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — HOXC6

Entrez GeneID [3223](#)

GeneBank Accession# [NM\\_004503.3](#)

Protein Accession# [NP\\_004494.1](#)

Gene Name HOXC6

Gene Alias CP25, HHO.C8, HOX3, HOX3C

Gene Description homeobox C6

Omim ID [142972](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

This gene belongs to the homeobox family, members of which encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene, HOXC6, is one of several HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, share a 5' non-coding exon. Transcripts may include the shared exon spliced to the gene-specific exons, or they may include only the gene-specific exons. Alternatively spliced transcript variants encoding different isoforms have been identified for HOXC6. Transcript variant two includes the shared exon, and transcript variant one includes only gene-specific exons. [provided by RefSeq]

**Other Designations** homeo box 3C|homeo box C6|homeo box C8 protein|homeobox protein Hox-C6